				ATTY. DOCKET NO 2159.0030001/LBB/F	AC 10	PPLICATION NO. 0/764,604	Je 1 01 26	
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EXAMINER		DOCUMENT				T	T	
O S	AA1	NUMBER 4,676,980	DATE 06/30/1987	NAME Segal <i>et al.</i>	CLASS	SUB-CLASS	99/23/1985	
0 2004	BIAR1	4,722,848	02/02/1988	Paoletti <i>et al</i> .			06/19/1984	
HOA	AB1	4,816,567	03/28/1989	Cabilly et al.			04/08/1983	
TA THADENIE	AD1	4,831,175	05/16/1989	Gansow et al.				
							09/05/1986	
	AE1	4,946,778	08/07/1990	Ladner et al.			01/19/1989	
	AF1	5,099,069	03/24/1992	Gansow et al.			12/16/1988	
	AG1	5,124,471	06/23/1992	Gansow et al.			03/26/1990	
	AH1	5,229,275	07/20/1993	Goroff			04/26/1990	
V	Al1	5,246,692	09/21/1993	Gansow et al.			08/22/1991	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AJ1	5,286,850	02/15/1994	Gansoh et al.			05/11/1992	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AK1	5,434,287	07/18/1995	Gansow et al.			11/04/1993	
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<u> </u>	AL1	WO 93/11161	06/10/1993	WIPO			N/A	
	AM1	WO 94/13804	06/23/1994	WIPO			N/A	
	AN1	EP 0 368 684 B1	03/09/1994	Europe			N/A	
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ly	AR			ergistic T Cell Activatio Exp. Med. 168: 1145-1				
W	AS		Bird, R. E., et al., "Single-Chain Antigen-Binding Proteins," <i>Science 242</i> :423-426, American Association for the Advancement of Science (1988)					
4	АТ	1 Acid Subst	Bowie, J. U., et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," Science 247:1306-1310, American Association for the Advancement of Science (1990)					
EXAMINER		1901			DATE	CONSIDERED	2-9-06	
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		Page 2 of 26
	ATTY. DOCKET NO.	APPLICATION NO.
	2159.0030001/LBB/PAC	10/764,604
FORM PTO-1449	FIRST NAMED INVENTOR	
	McLachlan, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	January 27, 2004	1614

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Cest	AA2	5,460,	785	10/24/1995	Rhodes et al.			01/03/1992
	AB2	5,545,	806	08/13/1996	Lonberg et al.			12/16/1992
	AC2	5,545,	807	08/13/1996	Surani et al.			08/05/1994
	AD2	5,567,	610	10/22/1996	Borrebaeck et al.			10/17/1994
	AE2	5,569,	825	10/29/1996	Lonberg et al.			12/17/1991
	AF2	5,585,	089	12/17/1996	Queen et al.			06/07/1995
	AG2	5,591,	669	01/07/1997	Krimpenfort et al.			05/30/1995
	AH2	5,648,	267	07/15/1997	Reff			11/03/1993
	Al2	5,658,	570	08/19/1997	Newman et al.			01/25/1995
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	AJ2	5,693,	761	12/02/1997	Queen et al.	<u> </u>	<del>                                     </del>	06/07/1995
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	AS	2	Brennan, M., et al., "Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G <sub>1</sub> Fragments," Science 229:81-83, American Association for the Advancement of Science (1985)					
Les	AT	2	Brüggemann, M., et al., "Designer Mice: The Production of Human Antibody Repertoires in Transgenic Animals," in Generation of Antibodies by Cell and Gene Immortalization, Terhorst, C., et al., Karger AG, Basel, Switzerland, pp.33-40 (1993)					
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		Page 3 of 26
	ATTY. DOCKET NO.	APPLICATION NO.
	2159.0030001/LBB/PAC	10/764,604
FORM PTO-1449	FIRST NAMED INVENTOR	
	McLachlan, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	January 27, 2004	1614

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Q	AA3	5,693	,780	12/2/1997	Newman et al.			06/07/1995
	AB3	5,733	,779	03/31/1998	Reff			06/07/1995
	AC3	5,736	,137	04/07/1998	Anderson et al.			11/03/1993
	AD3	5,756	,096	05/26/1998	Newman et al.			06/07/1995
	AE3	5,811	,524	09/22/1998	Brams et al.			06/07/1995
	AF3	5,843	,439	12/01/1998	Anderson et al.			06/07/1995
	AG3	5,892	,019	04/06/1999	Schlom et al.			09/01/1994
*	AH3	5,939	,598	08/17/1999	Kucherlapati et al.		•	07/30/1992
W	Al3	5,969	,108	10/19/1999	McCafferty et al.			01/08/1993
	AJ3	6,017	,733	01/25/2000	Reff			01/26/1998
y u	AK3	6,075	,181	06/13/2000	Kucherlapati et al.			06/07/1995
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. 4	AR	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  Carrasquillo, J. A., et al., "Improved Imaging of Metastatic Melanoma with High Dose 9.2.27 In-111 Monoclonal Antibody," J. of Nucl. Med. 26:P67, Society of Nuclear Medicine, Inc. (1985).						
щ	AS	3	Carter, P., et al., "Humanization of an anti-p185 <sup>HER2</sup> antibody for human cancer therapy," Proc. Natl. Acad. Sci. USA 89: 4285-4289, National Academy of Sciences (1992)					
M	AT	Chabner, et al., "Antineoplactic Agents," in Goodman & Gilman's The Pharmacological Basis of Therapeutics, 9 <sup>th</sup> ed., Wonsiewicz, M. J., and McCurdy, P., eds., McGraw-Hill, New York, NY, pp. 1233-1287 (1996).						
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	ATTY. DOCKET NO.	APPLICATION NO.
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FORM PTO-1449	FIRST NAMED INVENTOR	
	McLachian, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	January 27, 2004	1614

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	AA4		9,730	12/12/2000	Reff			03/30/1999
	AB4	6,19	3,980	02/27/2001	Efstathiou et al.			09/17/1997
	AC4	6,39	9,061	06/04/2002	Anderson et al.			06/07/1995
\ <u>M</u>	AD4	6,68	2,734	01/27/2004	Anderson et al.			06/07/1995
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·G	AR	<u>4</u>	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  Chothia, C., and Lesk, A. M., "Canonical Structures for the Hypervariable Regions of Immunoglobulins," <i>J. Mol. Biol.</i> 196:901-917, Academic Press Ltd. (1987)					
Cy	AS	<u>4</u>		Clackson, T., et al., "Making antibody fragments using phage display libraries," <i>Nature</i> 352:624-628, Macmillan Magazines Ltd. (1991)				
W	Cunningham, B. C., and Wells, J. A., "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," <i>Science 244</i> :1081-1085, American Association for the Advancement of Science (1989)							
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	ATTY. DOCKET NO.	APPLICATION NO.		
	2159.0030001/LBB/PAC	10/764,604		
FORM PTO-1449	FIRST NAMED INVENTOR			
	McLachian, et al.			
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	January 27, 2004	1614		

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ly.	AR	<u>5</u>	De Vos, A Structure of Science	of the Comp	Human Growth and E lex," <i>Science 255</i> :306	xtracellular Domain -312, American Ass	of Its Recepto sociation for the	r: Crystal e Advancement
Y	AS	<u>5</u>	Member	Doudney, K., et al., "Cloning and Characterization of Igsf9 in Mouse and Human: A New Member of the Immunoglobin Superfamily Expressed in the Developing Nervous System," Genomics 79:663-670, Elsevier Science (May 2002)				
W	AT	<u>5</u>	Fields, S.	., and Song, (	O., " A novel genetic s Macmillan Magazines	Ltd. (1989)		0
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FORM PTO-1449	FIRST NAMED INVENTOR McLachlan, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
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Cy	AR	<u>6</u>	Freedman, Internal Me (1994)	Freedman, A. S., and Nadler, L. M., "Malignant Lymphomas," in <i>Harrison's Principles of Internal Medicine</i> , 13 <sup>th</sup> ed., Isselbacher, K. J., et al., eds., McGraw Hill, Inc., New York, NY					
щ	AS	<u>6</u>		Freshney, R. I., "Quantitation and Experimental Design," in <i>Culture of Animal Cells</i> , Alan R. Liss, Inc., New York, NY, pp. 227-296 (1987)					
Cy	AT	<u>6</u>	to intercala	Gautier, C., et al., "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked o intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding," Nucleic Acids Research 15:6625-6641, IRL Press Ltd. (1987)					
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FORM PTO-1449	FIRST NAMED INVENTOR	
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	ATTY. DOCKET NO.	APPLICATION NO.
	2159.0030001/LBB/PAC	10/764,604
FORM PTO-1449	FIRST NAMED INVENTOR	
	McLachlan, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
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FORM PTO-1449	FIRST NAMED INVENTOR	
	McLachlan, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
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Щ	AT	13		McCafferty, J., et al., "Phage antibodies: filamentous phage displaying antibody variable domains," <i>Nature 348</i> :552-554, Macmillan Magazines Ltd. (1990)					
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		Page 15 of 26
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		Page 18 of 26
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FORM PTO-1449	FIRST NAMED INVENTOR	
	McLachlan, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	January 27, 2004	1614

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	2159.0030001/LBB/PAC	10/764,604
FORM PTO-1449	FIRST NAMED INVENTOR	
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M	AT	19	Vectors: A	, R. L., and De Survey of Mol , MA, pp. 471-	nhardt, D. T., eds., "Intro ecular Cloning Vectors a 473 (1988)	oduction of Vec and Their Uses,	tor into Host C Butterworth F	Cells," in Publishers,		
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		Page 20 of 26		
	ATTY. DOCKET NO.	APPLICATION NO.		
	2159.0030001/LBB/PAC	10/764,604		
FORM PTO-1449	FIRST NAMED INVENTOR			
	McLachlan, et al.			
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT		
	January 27, 2004	1614		

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	ATTY. DOCKET NO. 2159.0030001/LBB/PAC	APPLICATION NO. 10/764,604
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		Page 22 of 26
	ATTY. DOCKET NO. 2159.0030001/LBB/PAC	APPLICATION NO. 10/764,604
FORM PTO-1449	FIRST NAMED INVENTOR	
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FORM PTO-1449	
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	Page 23 of 26					
ATTY. DOCKET NO. 2159.0030001/LBB/PAC	APPLICATION NO. 10/764,604					
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		Page 24 of 26
	ATTY. DOCKET NO.	APPLICATION NO.
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FORM PTO-1449	FIRST NAMED INVENTOR	
	McLachlan, et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	January 27, 2004	1614

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·	ATTY. DOCKET NO. 2159.0030001/LBB/PAC	APPLICATION NO. 10/764,604
FORM PTO-1449	FIRST NAMED INVENTOR	
INFORMATION DISCLOSURE STATEMENT	McLachlan, et al. FILING DATE	ART UNIT
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FORM PTO-1449	FIRST NAMED INVENTOR	
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U	AT	26	Wilson, I. Cell Pres	A., <i>et al.</i> , "TI s (1984)	ne Structure of an Ai	ntigenic Determinant	in a Protein," C	Cell 37:767-778,
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of

Complete if Known					
Application Number	10/764,604				
Filing Date	January 27, 2004				
First Named Inventor	Karen McLachlan				
Art Unit	1642				
Examiner Name	Lei Yao				
Attomey Docket Number	2159.0030001/EKS/PAC				

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				First Named Inventor	Karen McLachlan		
STATEMENT BY APPLICANT				Art Unit	1642		
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Sheet	1	of	1	Attorney Docket Number	2159.0030001/EKS/PAC		

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T
Ų,	NPL1	Shi, Song-Hai, et al., "The immunoglobulin family member dendrite arborization and synapse maturation 1 (Dasm1) controls excitatory synapse maturation," <i>Proc. Natl. Acad. Sci. USA 101</i> :13346-13351, The National Academy of Sciences of the USA (September 2004)	
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4	NPL3	Letter from Andrew Chin, Associate Professor at The University of North Carolina at Chapel Hill to Dr. Karen McLachlan in regards to U.S. Patent Application No. 10/764,604, 3 pages (December 2004)	
u	NPL4	Chin, Andrew, "Table of Contents," for CD ROM (attached herewith), 1 page (March 2002)	
4	NPL5	Copy of sequence alignment between Applicants IGSF-9 sequence and the sequence submitted on the CD ROM, 2 pages (performed January 2005)	

Examiner Signature	/ W/	Date Considered	2-9-06

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next/com/nunication to applicant.

Applicant's unique citation designation number (pitienal).

Applicant is to place a check mark here if English language Translation is attached.

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